EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1276	(715/500.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/20 14:16
L2	775	(715/526).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/20 14:19
L3	456618	video$2 or (motion adj picture$1)	US-PGPUB; USPAT	OR	OFF	2007/11/20 14:20
L4	90202	multimedia$1 or multi-media$1 or (multi adj media$1)	US-PGPUB; USPAT	OR	OFF	2007/11/20 14:20
L5	1091170	fram$3	US-PGPUB; USPAT	OR	OFF	2007/11/20 14:20
L6	614608	video$2 or (motion adj picture$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/20 14:20
L7	1550509	fram$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/20 14:20
L8	98989	multimedia$1 or multi-media$1 or (multi adj media$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/20 14:20
L9	2117851	text	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/20 14:21
L10	6205996	tim$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/20 14:21
L11	643013	synchron$6	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/20 14:21
L12	4218907	extract$6 or remov$6 or edit$4	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/20 14:21
L13	2432194	still$1 or (still adj image$1) or (screen adj capture$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/20 14:22
L14	4832	l6 and l7 and l8 and l9 and l10 and l11 and l12 and l13	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/20 14:23
L15	33807	set$1 with text	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/20 14:23
L16	100506	pars$4	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/20 14:24

EAST Search History

L17	3689245	discard$4 or remov$5	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/20 14:24
L18	1	l17 same l16 same l15 same l4	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/11/20 14:24
S2	3184	(707/104.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/21 11:25
S3	50	("6055543" "5983218" "6229524" "5664227" "5835667" "5920856" "5404435" "5767893" "5805173" "5873080" "5966386" "5973685" "5996000" "6101535" "6100881" "6112202" "6137538" "5420974" "5555407" "5597307" "5600775" "5624265" "5694334" "5708845" "5749735" "5758257" "5788507" "5795156" "5799310" "5809299" "5839905" "5892507" "5911582" "5956716" "5957695" "5969755" "5990879" "5991306" "6003030" "6028600" "6047291" "6052717" "6058435" "6061054" "6061056" "6072483" "6073148" "6078925" "6088722" "6112239").pn.	US-PGPUB; USPAT	OR	OFF	2004/06/08 13:41
S4	49	("6119123" "6141356" "6154744" "6166735" "6195692" "6205485" "6219704" "6219704" "6230205" "6233586" "6240555" "6243761" "6249863" "6253193" "6260192" "6263342" "6269394" "6272488" "6275496" "6295057" "6298373" "6324182" "6353831" "6363380" "6363488" "6389402" "6393158" "6397387" "6408315" "6411307" "6418298" "6418532" "6421726" "6424370" "6426778" "6427140" "6446069" "6462754" "6463433" "6466209" "6466933" "6477537" "6490370" "6496981" "6564263" "6578046" "6587574" "6593936" "6614930" "6650889").pn.	US-PGPUB; USPAT	OR	OFF	2004/06/08 14:52
S5	553	separat$3 same (multimedia or multi-media or multi adj media) same text	US-PGPUB; USPAT	OR	OFF	2004/06/08 14:16
S6	3	("6076104" "6141001" "5692213").pn.	US-PGPUB; USPAT	OR	OFF	2004/06/08 13:42
S7	13196	sequential adj order	US-PGPUB; USPAT	OR	OFF	2004/06/08 13:48

EAST Search History

S8	16	(separat$3 same (multimedia or multi-media or multi adj media) same text) and (sequential adj order)	US-PGPUB; USPAT	OR	OFF	2004/06/08 14:15
S9	2242	extract$3 near2 text	US-PGPUB; USPAT	OR	OFF	2004/06/08 14:09
S10	64	(separat$3 same (multimedia or multi-media or multi adj media) same text) and (extract$3 near2 text)	US-PGPUB; USPAT	OR	OFF	2004/06/08 14:10
S11	1	(separat$3 same (multimedia or multi-media or multi adj media) same text) and (extract$3 near2 text) and (sequential adj order)	US-PGPUB; USPAT	OR	OFF	2004/06/08 14:11
S12	6710	separat$3 adj frame$3	US-PGPUB; USPAT	OR	OFF	2004/06/08 14:15
S13	14	(separat$3 same (multimedia or multi-media or multi adj media) same text) and (separat$3 adj frame$3)	US-PGPUB; USPAT	OR	OFF	2004/06/08 14:16
S14	4	("5915256" "5877766" "6363380" "6243713").pn.	US-PGPUB; USPAT	OR	OFF	2004/06/08 15:00
S28	481	(345/581).CCLS.	US-PGPUB; USPAT	OR	OFF	2004/12/17 10:45
S29	468	(715/526).CCLS.	US-PGPUB; USPAT	OR	OFF	2004/12/17 10:45
S30	124	(715/516).CCLS.	US-PGPUB; USPAT	OR	OFF	2004/12/17 10:45
S31	234	(715/515).CCLS.	US-PGPUB; USPAT	OR	OFF	2004/12/17 10:45
S32	297	(715/514).CCLS.	US-PGPUB; USPAT	OR	OFF	2004/12/17 10:46
S33	494	(715/854).CCLS.	US-PGPUB; USPAT	OR	OFF	2004/12/17 10:46
S34	1990	S28 or S29 or S30 or S31 or S32 or S33	US-PGPUB; USPAT	OR	OFF	2004/12/17 10:47
S35	73	(715/730).CCLS.	US-PGPUB; USPAT	OR	OFF	2004/12/17 10:47
S36	2063	S34 or S35	US-PGPUB; USPAT	OR	OFF	2004/12/17 10:48
S37	45809	multimedia or multi-media or (multi adj media)	US-PGPUB; USPAT	OR	OFF	2004/12/17 10:48
S38	269143	video	US-PGPUB; USPAT	OR	OFF	2004/12/17 10:48
S39	283725	S37 or S38	US-PGPUB; USPAT	OR	OFF	2004/12/17 10:49
S40	222	set$1 near3 text adj data	US-PGPUB; USPAT	OR	OFF	2004/12/17 10:49

EAST Search History

S41	6935	set$1 near3 text	US-PGPUB; USPAT	OR	OFF	2004/12/17 10:49
S42	399	S39 same S41	US-PGPUB; USPAT	OR	OFF	2004/12/17 10:49
S43	5	S36 and S42	US-PGPUB; USPAT	OR	OFF	2004/12/17 10:58
S44	13199	video adj frame$1	US-PGPUB; USPAT	OR	OFF	2004/12/17 10:58
S45	1944696	text	US-PGPUB; USPAT	OR	OFF	2004/12/17 10:58
S46	2339606	separat$3	US-PGPUB; USPAT	OR	OFF	2004/12/17 10:58
S47	616	S44 same S45	US-PGPUB; USPAT	OR	OFF	2004/12/17 10:59
S48	336	S44 with S45	US-PGPUB; USPAT	OR	OFF	2004/12/17 10:59
S49	8	S46 with S48	US-PGPUB; USPAT	OR	OFF	2004/12/17 11:02
S51	58	S46 same S47	US-PGPUB; USPAT	OR	OFF	2004/12/17 11:02
S52	3	("5692213" "6141001" "6076104").pn.	US-PGPUB; USPAT	OR	OFF	2005/06/21 07:52
S53	50	("5918237" "5539871" "5818435" "5790794" "5762555" "5791992" "6055543" "5983218" "6229524" "5664227" "5835667" "5920856" "5404435" "5767893" "5805173" "5873080" "5966386" "5973685" "5996000" "6101535" "6100881" "6112202" "6137538" "5420974" "5555407" "5597307" "5600775" "5624265" "5694334" "5708845" "5749735" "5758257" "5788507" "5795156" "5799310" "5809299" "5839905" "5892507" "5911582" "5956716" "5957695" "5969755" "5990879" "5991306" "6003030" "6028600" "6047291" "6052717" "6058435" "6061054").pn.	US-PGPUB; USPAT	OR	OFF	2004/12/29 09:27

EAST Search History

S55	49	("6061056" "6072483" "6073148" "6078925" "6088722" "6112239" "6119123" "6141356" "6154744" "6166735" "6195692" "6205485" "6219704" "6219704" "6230205" "6233586" "6240555" "6243761" "6249863" "6253193" "6260192" "6263342" "6269394" "6272488" "6275496" "6295057" "6298373" "6324182" "6353831" "6363380" "6363488" "6389402" "6393158" "6397387" "6408315" "6411307" "6418298" "6418532" "6421726" "6424370" "6426778" "6427140" "6446069" "6462754" "6463433" "6466209" "6466933" "6477537" "6490370" "6496981").pn.	US-PGPUB; USPAT	OR	OFF	2004/12/29 09:27
S56	99	S53 or S55	US-PGPUB; USPAT	OR	OFF	2004/12/29 09:27
S57	3124	(electronic or online) adj book$1	US-PGPUB; USPAT	OR	OFF	2005/01/04 06:54
S58	42231	text same image$1	US-PGPUB; USPAT	OR	OFF	2005/01/04 06:54
S59	698	S57 and S58	US-PGPUB; USPAT	OR	OFF	2005/01/04 06:14
S60	64057	navigat$4	US-PGPUB; USPAT	OR	OFF	2005/01/04 06:14
S61	1494	S58 same S60	US-PGPUB; USPAT	OR	OFF	2005/01/04 06:14
S62	36	S57 and S61	US-PGPUB; USPAT	OR	OFF	2005/01/04 06:14
S63	271166	synchroniz$5	US-PGPUB; USPAT	OR	OFF	2005/01/04 06:37
S64	624	ebook$1 or e-book$1	US-PGPUB; USPAT	OR	OFF	2005/01/04 06:37
S65	3549	S57 or S64	US-PGPUB; USPAT	OR	OFF	2005/01/04 06:37
S66	909	S58 same S63	US-PGPUB; USPAT	OR	OFF	2005/01/04 06:37
S67	10	S65 and S66	US-PGPUB; USPAT	OR	OFF	2005/01/04 06:40
S68	2052	streaming adj media	US-PGPUB; USPAT	OR	OFF	2005/01/04 06:40
S69	48	S65 and S68	US-PGPUB; USPAT	OR	OFF	2005/01/04 06:40
S70	29609	text same graphic$1	US-PGPUB; USPAT	OR	OFF	2005/01/04 06:43

EAST Search History

S71	568	S70 same S63	US-PGPUB; USPAT	OR	OFF	2005/01/04 06:43
S72	15	S65 and S71	US-PGPUB; USPAT	OR	OFF	2005/01/04 06:54
S73	0	S65 and S71	EPO; JPO; DERWENT	OR	OFF	2005/01/04 06:54
S74	1555	(electronic or online) adj book$1	EPO; JPO; DERWENT	OR	OFF	2005/01/04 06:54
S75	38653	text same (image$1 or graphic$1)	EPO; JPO; DERWENT	OR	OFF	2005/01/04 06:56
S76	142814	synchroniz$5	EPO; JPO; DERWENT	OR	OFF	2005/01/04 06:55
S77	135	S75 same S76	EPO; JPO; DERWENT	OR	OFF	2005/01/04 06:55
S78	0	S74 and S77	EPO; JPO; DERWENT	OR	OFF	2005/01/04 06:55
S79	54	S74 and S75	EPO; JPO; DERWENT	OR	OFF	2005/01/04 06:56
S80	1	("5749735").PN.	US-PGPUB; USPAT	OR	OFF	2005/01/04 07:33
S81	1	("6260011").PN.	US-PGPUB; USPAT	OR	OFF	2005/01/04 07:33
S82	271235	synchroniz$6	US-PGPUB; USPAT	OR	OFF	2005/01/04 11:38
S83	626	text same (video adj frame$1)	US-PGPUB; USPAT	OR	OFF	2005/01/04 11:39
S84	60	S82 same S83	US-PGPUB; USPAT	OR	OFF	2005/01/04 11:39
S85	1	("6569206").PN.	US-PGPUB; USPAT	OR	OFF	2005/01/06 13:36
S86	610	(345/418).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/06/21 07:52
S87	18097	still adj image$1	US-PGPUB; USPAT	OR	OFF	2005/06/21 07:53
S88	26	S86 and S87	US-PGPUB; USPAT	OR	OFF	2005/06/21 07:53
S89	1964840	text	US-PGPUB; USPAT	OR	OFF	2005/06/21 07:53
S90	1885	S87 same S89	US-PGPUB; USPAT	OR	OFF	2005/06/21 07:56
S91	3	S86 and S90	US-PGPUB; USPAT	OR	OFF	2005/06/21 07:55
S92	129237	advancing	US-PGPUB; USPAT	OR	OFF	2005/06/21 07:55

EAST Search History

S93	2	S90 same S92	US-PGPUB; USPAT	OR	OFF	2005/06/21 07:55
S94	46642	learning	US-PGPUB; USPAT	OR	OFF	2005/06/21 07:57
S95	48354	S90 or S94	US-PGPUB; USPAT	OR	OFF	2005/06/21 07:57
S96	173	S90 and S94	US-PGPUB; USPAT	OR	OFF	2005/06/21 07:57
S97	1390	text with threshold$1	US-PGPUB; USPAT	OR	OFF	2005/06/21 13:14
S98	10627	new adj (image or picture)	US-PGPUB; USPAT	OR	OFF	2005/06/21 13:14
S99	0	S97 same S98	US-PGPUB; USPAT	OR	OFF	2005/06/21 13:14
S100	32	S97 and S98	US-PGPUB; USPAT	OR	OFF	2005/06/21 13:14
S101	52091	multimedia or multi-media or (multi adj media)	US-PGPUB; USPAT	OR	OFF	2005/06/22 06:24
S102	2696919	database$1	US-PGPUB; USPAT	OR	OFF	2005/06/22 06:24
S103	234868	search$1 or (search adj term$1)	US-PGPUB; USPAT	OR	OFF	2005/06/22 06:25
S104	705	S101 adj S102	US-PGPUB; USPAT	OR	OFF	2005/06/22 06:25
S105	127	S103 same S104	US-PGPUB; USPAT	OR	OFF	2005/06/22 06:27
S106	18097	still adj image$1	US-PGPUB; USPAT	OR	OFF	2005/06/22 06:27
S107	6	S105 same S106	US-PGPUB; USPAT	OR	OFF	2005/06/22 10:26
S108	162	online adj (tutorial$1 or course$1)	US-PGPUB; USPAT	OR	OFF	2005/06/22 10:26
S109	725384	interface$1	US-PGPUB; USPAT	OR	OFF	2005/06/22 10:26
S110	729559	image$1	US-PGPUB; USPAT	OR	OFF	2005/06/22 10:27
S111	1964840	text	US-PGPUB; USPAT	OR	OFF	2005/06/22 10:27
S112	47073	S110 same S111	US-PGPUB; USPAT	OR	OFF	2005/06/22 10:27
S113	139	S108 and S109	US-PGPUB; USPAT	OR	OFF	2005/06/22 10:27
S114	47	S112 and S113	US-PGPUB; USPAT	OR	OFF	2005/06/22 10:31

EAST Search History

S115	801	video adj (database$1 or repositor$3)	US-PGPUB; USPAT	OR	OFF	2005/06/22 10:32
S116	292490	search$3	US-PGPUB; USPAT	OR	OFF	2005/06/22 10:32
S117	19469	stills or (still adj image$1)	US-PGPUB; USPAT	OR	OFF	2005/06/22 10:32
S118	8	S115 same S116 same S117	US-PGPUB; USPAT	OR	OFF	2005/06/22 11:24
S119	1	("20020156804").PN.	US-PGPUB; USPAT	OR	OFF	2005/06/22 11:24
S120	1	("5708845").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/16 15:44
S121	1	("5493677").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/16 15:45
S122	14	test$6 same annotat$4 same video same frame$1	US-PGPUB; USPAT	OR	OFF	2005/12/16 15:47
S123	20332	still adj image$1	US-PGPUB; USPAT	OR	OFF	2005/12/16 15:45
S124	15	test$6 same annotat$4 same video same frame$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/16 16:46
S125	15	test$6 same annotat$4 same video same frame$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/16 16:46
S126	943	(715/500.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/19 06:46
S127	1	("20020129057").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/21 11:25
S128	1	("6813618").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/31 08:19
S129	1	("6956573").PN.	US-PGPUB; USPAT	OR	OFF	2006/05/31 08:19

Published before April 2001
Terms used: **multimedia video frames set text time**

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1 Multimedia abstractions for a digital video library
Michael G. Christel, David B. Winkler, C. Roy Taylor
July 1997 **Proceedings of the second ACM international conference on Digital libraries DL '97**
Publisher: ACM Press
Full text available: pdf(1.21 MB) Additional Information: full citation, references, citings, index terms

Keywords: digital video library, multimedia abstration, video abstraction, video browsing

2 A video retrieval and sequencing system
Tat-Seng Chua, Li-Qun Ruan
October 1995 **ACM Transactions on Information Systems (TOIS)**, Volume 13 Issue 4
Publisher: ACM Press
Full text available: pdf(3.20 MB) Additional Information: full citation, abstract, references, citings, index terms, review

Video is an effective medium for capturing the events in the real world around us, and a vast amount of video materials exists, covering a wide range of applications. However, widespread use of video in computer applications is often impeded by the lack of effective tools to manage video information systematically. This article discusses the design and implementation of a frame-based video retrieval and sequencing system (VRSS). The system is designed to support the entire process of video ...

Keywords: cinematic rules, frame-based modeling, multimedia, video retrieval, virtual editing

3 Synchronization in multimedia data retrieval
Anna Haj Hać, Cindy X. Xue
January 1997 **International Journal of Network Management**, Volume 7 Issue 1
Publisher: John Wiley & Sons, Inc.
Full text available: pdf(487.64 KB) Additional Information: full citation, abstract, references, index terms

Synchronization of multiple medium streams in real time has been recognized as one of

the most important requirements for multimedia applications based on broadband high-speed networks. This article presents a complete synchronization scheme for distributed multimedia information systems. © 1997 John Wiley & Sons, Ltd.

4 Embedded video in hypermedia documents: supporting integration and adaptive control

Dick C. A. Bulterman
October 1995 **ACM Transactions on Information Systems (TOIS)**, Volume 13 Issue 4
Publisher: ACM Press

Full text available: pdf(2.41 MB) Additional Information: full citation, abstract, references, citings, index terms

As the availability of digital video becomes commonplace, a shift in application focus will occur from merely accessing video as an independent data stream to embedding video with other multimedia data types into coordinated hypermedia presentations. The migration to embedded video will present new demands on application and support environments: processing of any one piece of video data will depend on how that data relates to other data streams active with ...

Keywords: adaptive control, embedded video, hypermedia documents, multimedia, synchronization, video presentation

5 Foundations of multimedia database systems

Sherry Marcus, V. S. Subrahmanian
May 1996 **Journal of the ACM (JACM)**, Volume 43 Issue 3
Publisher: ACM Press

Full text available: pdf(4.11 MB) Additional Information: full citation, abstract, references, citings, index terms

Though numerous multimedia systems exist in the commercial market today, relatively little work has been done on developing the mathematical foundation of multimedia technology. We attempt to take some initial steps towards the development of a theoretical basis for a multimedia information system. To do so, we develop the motion of a structured multimedia database system. We begin by defining a mathematical model of a media-instance. A media-instance may be thought of as "glue" ...

Keywords: data structures, multimedia databases, query languages, query processing

6 MPEG-4: an object-based multimedia coding standard supporting mobile applications

Atul Puri, Alexandros Eleftheriadis
June 1998 **Mobile Networks and Applications**, Volume 3 Issue 1
Publisher: Kluwer Academic Publishers

Full text available: pdf(747.80 KB) Additional Information: full citation, abstract, references, citings, index terms, review

The ISO MPEG committee, after successful completion of the MPEG-1 and the MPEG-2 standards is currently working on MPEG-4, the third MPEG standard. Originally, MPEG-4 was conceived to be a standard for coding of limited complexity audio-visual scenes at very low bit-rates; however, in July 1994, its scope was expanded to include coding of scenes as a collection of individual audio-visual objects and enabling a range of advanced functionalities not supported by other standards. One of the ke ...

7 Motion recovery for video content classification

Nevenka Dimitrova, Forouzan Golshani

October 1995 **ACM Transactions on Information Systems (TOIS)**, Volume 13 Issue 4
Publisher: ACM Press

Full text available: pdf(2.74 MB) Additional Information: full citation, abstract, references, citings, index terms

Like other types of digital information, video sequences must be classified based on the semantics of their contents. A more-precise and completer extraction of semantic information will result in a more-effective classification. The most-discernible difference between still images and moving pictures stems from movements and variations. Thus, to go from the realm of still-image repositories to video databases, we must be able to deal with motion. Particularly, we need the ability to classi ...

Keywords: MPEG compressed video analysis, content-based retrieval of video, motion recovery, video databases, video retrieval

8 News on-demand for multimedia networks

Gene Miller, Greg Baber, Mark Gilliland
September 1993 **Proceedings of the first ACM international conference on Multimedia MULTIMEDIA '93**
Publisher: ACM Press
Full text available: pdf(106.03 KB) ps(1.21 MB) Additional Information: full citation, references, citings, index terms

Keywords: authoring, database, digital video, information service, messaging, networked multimedia, news, retrieval, wideband

9 Summary of the Second International Workshop on Network and Operating System Support for Digital Audio and Video

Ralf Guido Herrtwich
April 1992 **ACM SIGCOMM Computer Communication Review**, Volume 22 Issue 2
Publisher: ACM Press
Full text available: pdf(2.32 MB) Additional Information: full citation, index terms

10 Summary of the Second International Workshop on Network and Operating System Support for Digital Audio and Video

Ralf Guido Herrtwich
April 1992 **ACM SIGOPS Operating Systems Review**, Volume 26 Issue 2
Publisher: ACM Press
Full text available: pdf(2.58 MB) Additional Information: full citation, index terms

11 Detecting topical events in digital video

Tanveer Syeda-Mahmood, S. Srinivasan
October 2000 **Proceedings of the eighth ACM international conference on Multimedia MULTIMEDIA '00**
Publisher: ACM Press
Full text available: pdf(1.04 MB) Additional Information: full citation, abstract, references, citings, index terms

The detection of events is essential to high-level semantic querying of video databases. It

is also a very challenging problem requiring the detection and integration of evidence for an event available in multiple information modalities, such as audio, video and language. This paper focuses on the detection of specific types of events, namely, topic of discussion events that occur in classroom/lecture environments. Specifically, we present a query-driven approach to the detection of topic of ...

Keywords: multi-modal fusion, query-driven topic detection, slide detection, topic of discussion events, topical audio events

12 Virtual video editing in interactive multimedia applications

Wendy E. Mackay, Glorianna Davenport
July 1989 **Communications of the ACM**, Volume 32 Issue 7
Publisher: ACM Press

Full text available: pdf(2.33 MB) Additional Information: full citation, abstract, references, citings, index terms

Drawing examples from four interrelated sets of multimedia tools and applications under development at MIT, the authors examine the role of digitized video in the areas of entertainment, learning, research, and communication.

13 Multipoint audio and video control for packet-based multimedia conferencing

F. Gong
October 1994 **Proceedings of the second ACM international conference on Multimedia MULTIMEDIA '94**
Publisher: ACM Press

Full text available: pdf(979.60 KB) Additional Information: full citation, abstract, references, citings, index terms

With the advent of broadband integrated services data network (B-ISDN) technologies such as Asynchronous Transfer Mode (ATM) networks, packet-based multimedia (e.g., live audio and video, animation, and text) conferencing is becoming a viable means for achieving virtual proximity, which enables us to overcome the physical separation in space and time and to interact more effectively in our science and engineering endeavors. To bring about the reality of virtual proximity, many technical iss ...

14 Automated authoring of hypermedia documents of video programs

Behzad Shahraray, David C. Gibbon
January 1995 **Proceedings of the third ACM international conference on Multimedia MULTIMEDIA '95**
Publisher: ACM Press

Full text available: htm(35.19 KB) Additional Information: full citation, references, citings, index terms

Keywords: HTML, automatic authoring, closed captioning, content-based indexing, digital libraries, linguistic processing

15 MPEG-2 coded- and uncoded-stream synchronization control for real-time multimedia transmission and presentation over B-ISDN

L. Li, N. Georganas
October 1994 **Proceedings of the second ACM international conference on Multimedia MULTIMEDIA '94**
Publisher: ACM Press

Full text available: pdf(893.22 KB) Additional Information: full citation, abstract, references, citings, index terms

A real-time multimedia communication system over broadband networks is introduced in the paper. This system consists of distributed database servers which store and retrieve data objects of different types of media and in different coding formats. The multimedia document is transmitted over the network as streams through different connections and presented to the user simultaneously. A set of stream synchronization control schemes is designed to control the multiple data streams (either in ...

16 Video mosaic: laying out time in a physical space

W. Mackay, D. Pagani

October 1994 **Proceedings of the second ACM international conference on Multimedia MULTIMEDIA '94**

Publisher: ACM Press

Full text available: pdf(975.05 KB) Additional Information: full citation, abstract, references, citings, index terms

Paper video storyboards are still in use by even very experienced video producers with access to the most advanced video editing software. An analysis of the characteristics of paper and on-line editing provide an overlapping but distinct set of benefits (and problems). Paper provides the user with the ability to lay out various temporal sequences over a large spatial area and the ability to quickly sketch, annotate and rearrange the relevant video clips. On-line editing provides users with ...

Keywords: augmented reality, paper user interfaces, storyboards, video editing

17 The design, implementation and evaluation of SMART: a scheduler for multimedia applications

Jason Nieh, Monica S. Lam

October 1997 **ACM SIGOPS Operating Systems Review , Proceedings of the sixteenth ACM symposium on Operating systems principles SOSP '97**, Volume 31 Issue 5

Publisher: ACM Press

Full text available: pdf(2.48 MB) Additional Information: full citation, references, citings, index terms

18 Towards intelligent recognition of multimedia episodes in real-time applications

J. Gabbe, A. Ginsberg, B. Robinson

October 1994 **Proceedings of the second ACM international conference on Multimedia MULTIMEDIA '94**

Publisher: ACM Press

Full text available: pdf(999.61 KB) Additional Information: full citation, abstract, references, citings, index terms

The ability to automatically capture and index multimedia information for later perusal and review is critical to the success of future multimedia services. In this paper, we describe how to automatically generate indexes of real-time streams without requiring deep content analysis. Our techniques involve segmenting continuous audio and video into natural units, and relating these to discrete events from the multimedia application, such as user interactions, control events, and data content ...

19 Automatic text recognition for video indexing

Rainer Lienhart

February 1997 **Proceedings of the fourth ACM international conference on Multimedia MULTIMEDIA '96**

Publisher: ACM Press

Full text available: pdf(1.15 MB) Additional Information: full citation, references, citings, index terms

Keywords: OCR, character recognition, character segmentation, video content analysis, video indexing, video processing

20 Designing multimedia: Dynamic key frame presentation techniques for augmenting video browsing

Tony Tse, Gary Marchionini, Wei Ding, Laura Slaughter, Anita Komlodi

May 1998 **Proceedings of the working conference on Advanced visual interfaces AVI '98**

Publisher: ACM Press

Full text available: pdf(1.50 MB) Additional Information: full citation, abstract, references, citings

Because of unique temporal and spatial properties of video data, different techniques for summarizing videos have been proposed. Key frames extracted directly from video inform users about content without requiring them to view the entire video. As part of ongoing work to develop video browsing interfaces, several interface displays based on key frames were investigated. Variations on dynamic key frame "slide shows" were examined and compared to a static key frame "filmstrip" display. The slide ...

Keywords: display rate, divided attention, dynamic displays, interface design, key frames, representations, video browsing

09/838428
- Interference Search

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	520	(715/500.1).CCLS.	US-PGPUB	OR	OFF	2007/11/20 14:29
L2	287	(715/526).CCLS.	US-PGPUB	OR	OFF	2007/11/20 14:29
L3	51150	multimedia or multi-media or (multi adj media)	US-PGPUB	OR	OFF	2007/11/20 14:29
L4	164793	text	US-PGPUB	OR	OFF	2007/11/20 14:30
L5	1109125	set$1	US-PGPUB	OR	OFF	2007/11/20 14:30
L6	205896	video$1	US-PGPUB	OR	OFF	2007/11/20 14:30
L7	346156	frame$1	US-PGPUB	OR	OFF	2007/11/20 14:30
L8	764785	still$1 or (still adj image$1) or (screen adj capture$1)	US-PGPUB	OR	OFF	2007/11/20 14:30
L9	44966	pars$4	US-PGPUB	OR	OFF	2007/11/20 14:30
L10	1050342	discard$3 or remov$3 or eliminat$4	US-PGPUB	OR	OFF	2007/11/20 14:31
L11	1478	l3 and l4 and l5 and l6 and l7 and l8 and l9 and l10	US-PGPUB	OR	OFF	2007/11/20 14:31